

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A method of transmitting data from a transmitting device to a receiving device through a predetermined network, ~~wherein the method comprising:~~

transmitting a notification from a first device to a second device to mount a connection management function from a plurality of connection management functions, said notification including a command set needed to manage data transmission between the transmitting device and the receiving device,

AI when ~~a~~the first device for carrying out connection management for a data transmission between the transmitting device and the receiving device does not mount a corresponding connection management function, ~~it gives a request for executing the connection management to a second device connected to the network and mounting the connection management function.~~

2. (currently amended) The transmitting method according to claim 1, wherein the connection management ~~requested by the first device~~function includes ~~a processing of providing a connection and disconnection of at least the transmitting device and the receiving device and a processing of disconnection.~~

3. (currently amended) The transmitting method according to claim 1, wherein a result of the connection management ~~executed based on the request is given~~is transmitted from the second device to the first device through the network.

4. (currently amended) A transmitting system for transmitting data from a transmitting device to a receiving device connected to a predetermined network ~~to a receiving device connected to the network~~, the system comprising:

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a first device ~~having~~ including a first control section for requesting-preparing and transmitting a notification connection management on the network for a data transmission to another device to mount a connection management function from a plurality of connection management functions, said notification including a command set needed to manage data transmission between the first device and said another when an instruction for the data transmission is received from the transmitting device or the receiving device; and

a second device ~~having a control section for executing the connection management for the data transmission based on the request sent from the first device~~ configured to receive said notification, said second device including a second control section for executing the connection management function using the command set.

5. (currently amended) The transmitting system according to claim 4, wherein the ~~connection management to be executed by the control section of the second device~~ includes a ~~processing of providing a processor to perform connection and disconnection of~~ at least the transmitting device and the receiving device and a processing of disconnection.

6. (currently amended) A transmission control device connected to a predetermined network for controlling a data transmission on the network, the device comprising:

a receiving section for receiving a connection setting request from another transmission

control device on the network, said connection setting request including a command set needed to manage data transmission between a transmitting device and a receiving device; and  
a connection managing section for executing connection management between  
~~predetermined devices~~ the transmitting device and the receiving device based on the request  
~~received by the receiving section~~ command set.

7. (currently amended) The transmission control device according to claim 6, further comprising a transmitting section for transmitting a result of the connection management in the connection managing section to ~~another device~~ said another transmission control device.

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8. (new) The transmitting system according to claim 4, wherein the command set includes a self-describing data structure, which provides a device control data.

9. (new) The transmitting system according to claim 8, wherein the device control data includes a device type of the transmitting device and the receiving device.

10. (new) The transmitting system according to claim 8, wherein the device control data includes an override DCM of the transmitting device and the receiving device.

11. (new) The transmitting system according to claim 8, wherein the device control data includes a graphical representation of the transmitting device and the receiving device.